

Substance Details Report

January 10, 2017

Core Metadata

Substance Type	Chemical Substance
EPA Registry Name	Methyl vinyl ketone
EPA Registry Name List	Chemical Identification
Systematic Name	3-Buten-2-one
Systematic Name List	Chemical Abstracts Index Name
Preferred Acronym	
CAS Number	78-94-4
EPA Identification Number	
TSN Number	
Kingdom	
ICTVDB	
Molecular Formula	C4H6O
Molecular Weight	70.09
Comment/Description	

Internal Tracking Number	7450
Substance Status	Approved

Definition

Classifications

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

Notation	Notation Type
<chem>O=C(C=C)C</chem>	SMILES

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Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Methyl vinyl ketone	Valid	11/17/1986	
EPCRA 302	Methyl vinyl ketone	Valid		
TSCA Inv	3-Buten-2-one	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
CAMEO Chemicals	Methyl vinyl ketone	Valid		
CERCLIS3	Methyl vinyl ketone	Valid		
CERCLIS3	MVK	Valid		
ECOTOX	Methyl vinyl ketone	Valid		
ECOTOX	3-Buten-2-one	Valid		
ERNS	3-Buten-2-one	Valid		
ERNS	Methyl vinyl ketone	Valid		
GCES	3-Buten-2-one	Valid		
ICIS	Methyl vinyl ketone	Valid		
ICIS-Air	Methyl vinyl ketone	Valid		
TSCATS	3-Buten-2-one	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	3-Buten-2-one	Valid		
ChemIDStd	Methyl vinyl ketone	Valid		
FDA	METHYL VINYL KETONE	Unknown		
HSDB	Methyl vinyl ketone	Valid		
NJ-RTK-HS	Methyl vinyl ketone	Valid		
NTP Chemical Repository	MVK	Valid		
NTP Chemical Repository	Methyl vinyl ketone	Valid		

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Other Sources	Synonym	Synonym Quality	Effective Date	End Date
OSHA PSM-29 CFR 1910.119 App A	Methyl Vinyl Ketone	Unknown	08/11/2013	

Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
AEGL	Methyl vinyl ketone	Unknown		

EPA Synonyms

There are no Synonyms of this type.

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Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

Related References

<http://nj.gov/health/eoh/rtkweb/documents/fs/1301.pdf>

<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=78-94-4>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=78-94-4&result=advanced>

<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=AR7642I1MP>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000078944>